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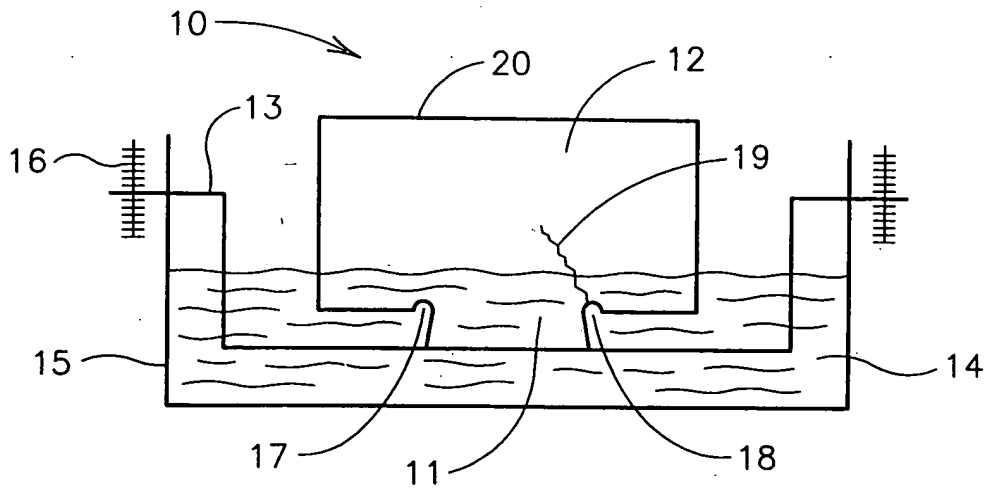


Figure 1
(Prior Art)

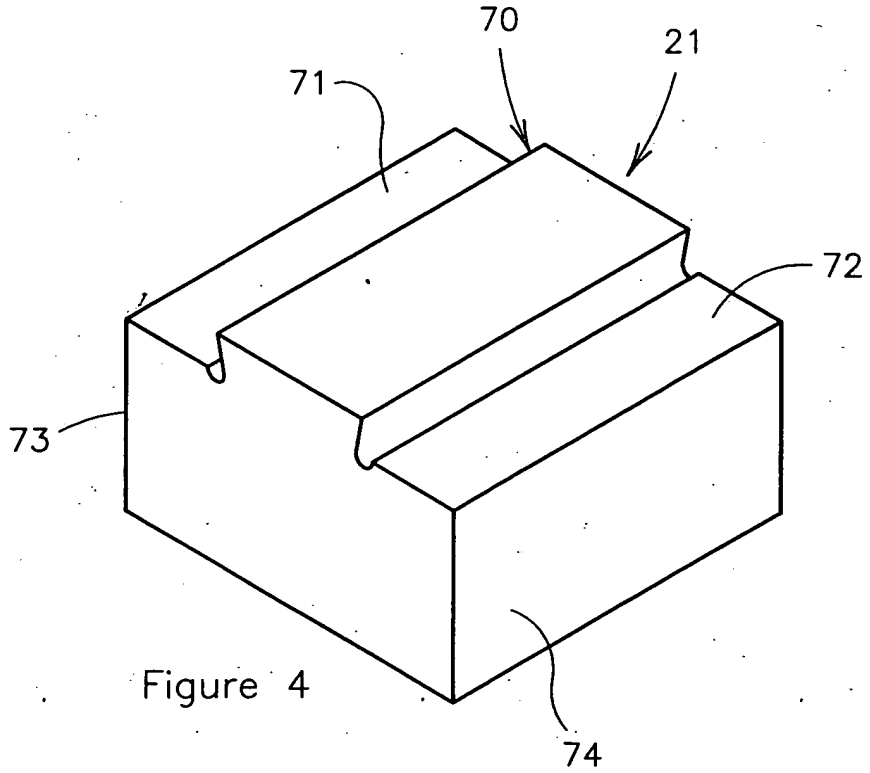


Figure 4

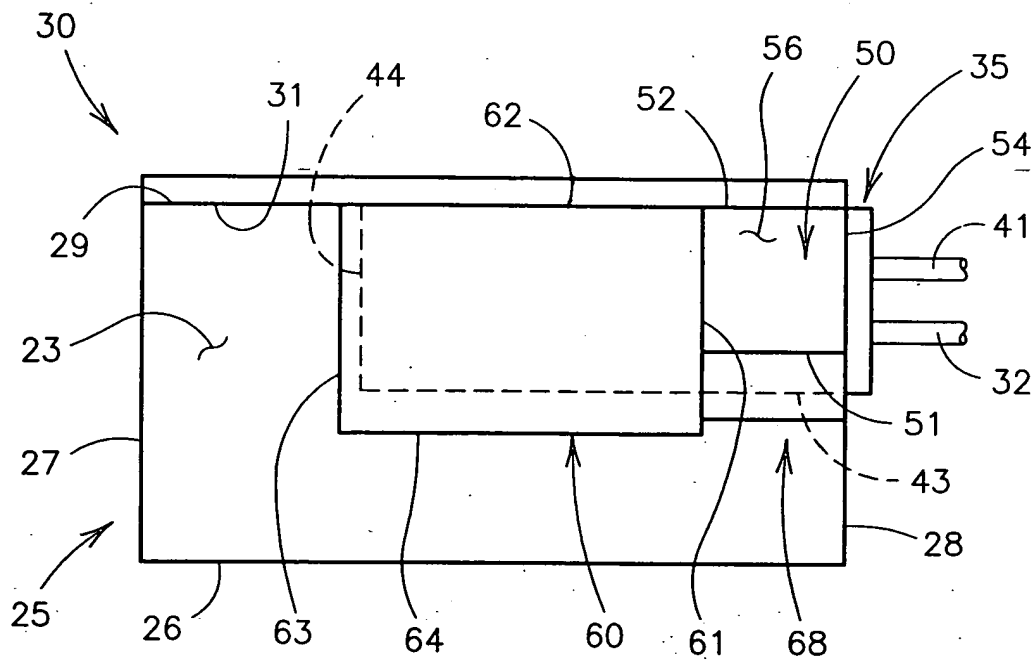


Figure 2

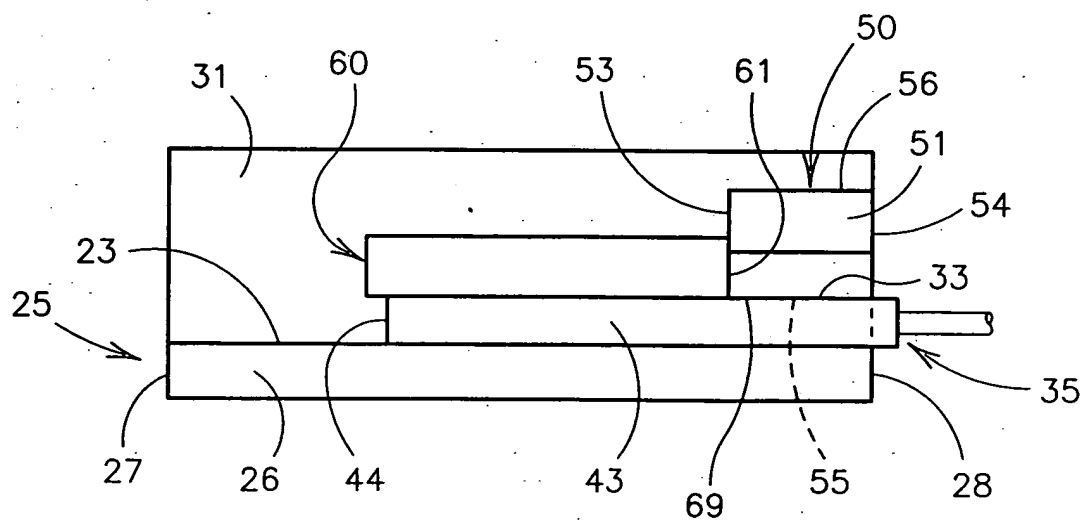


Figure 3

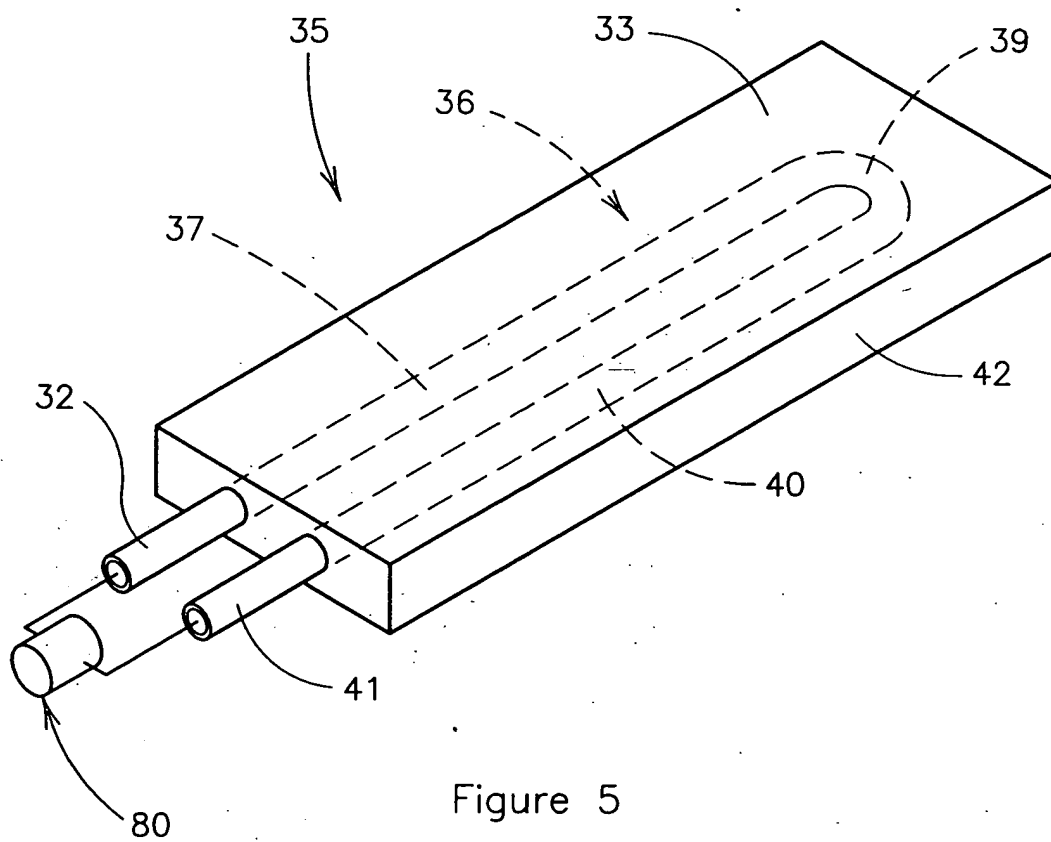


Figure 5

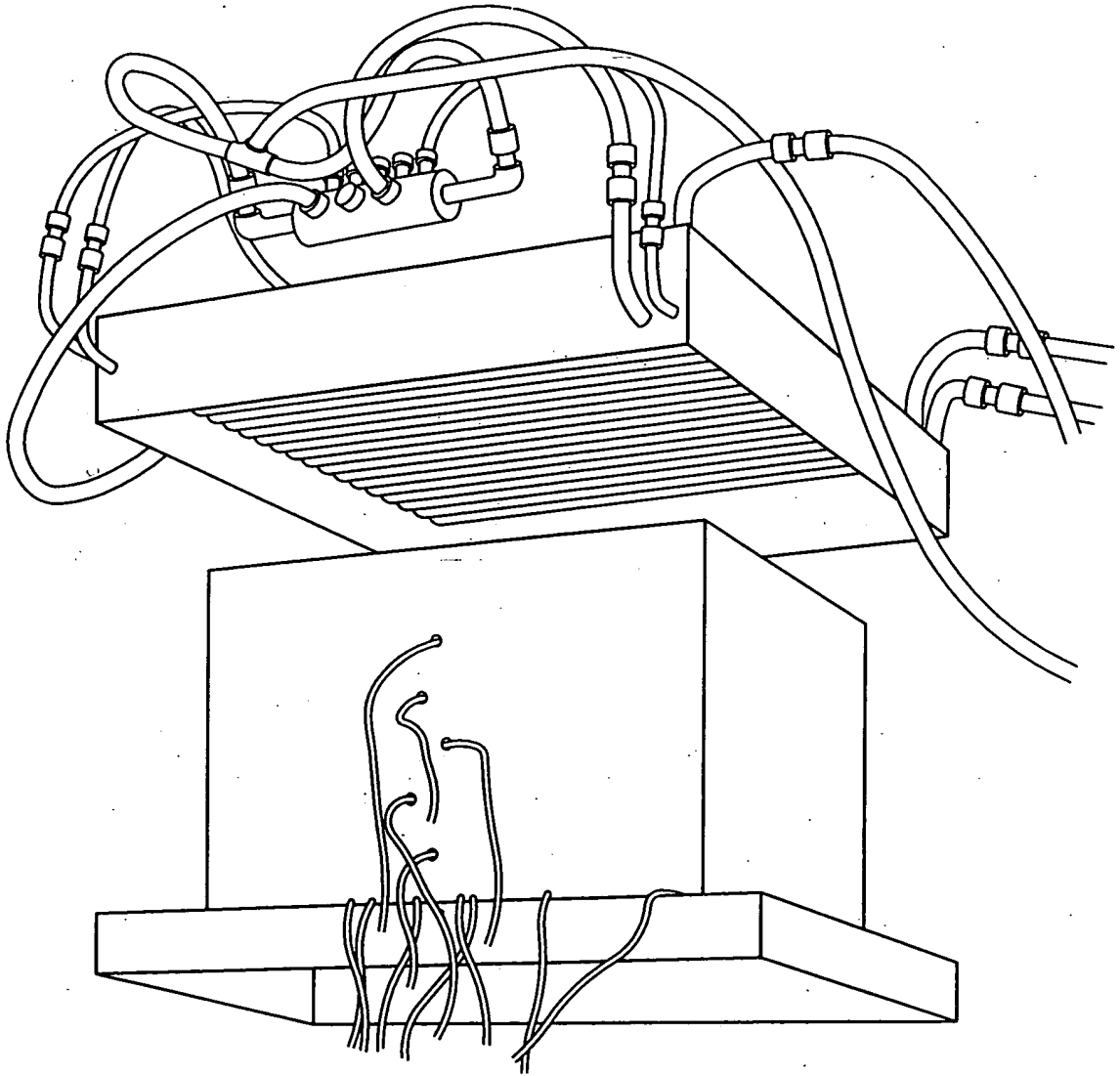


Figure 6

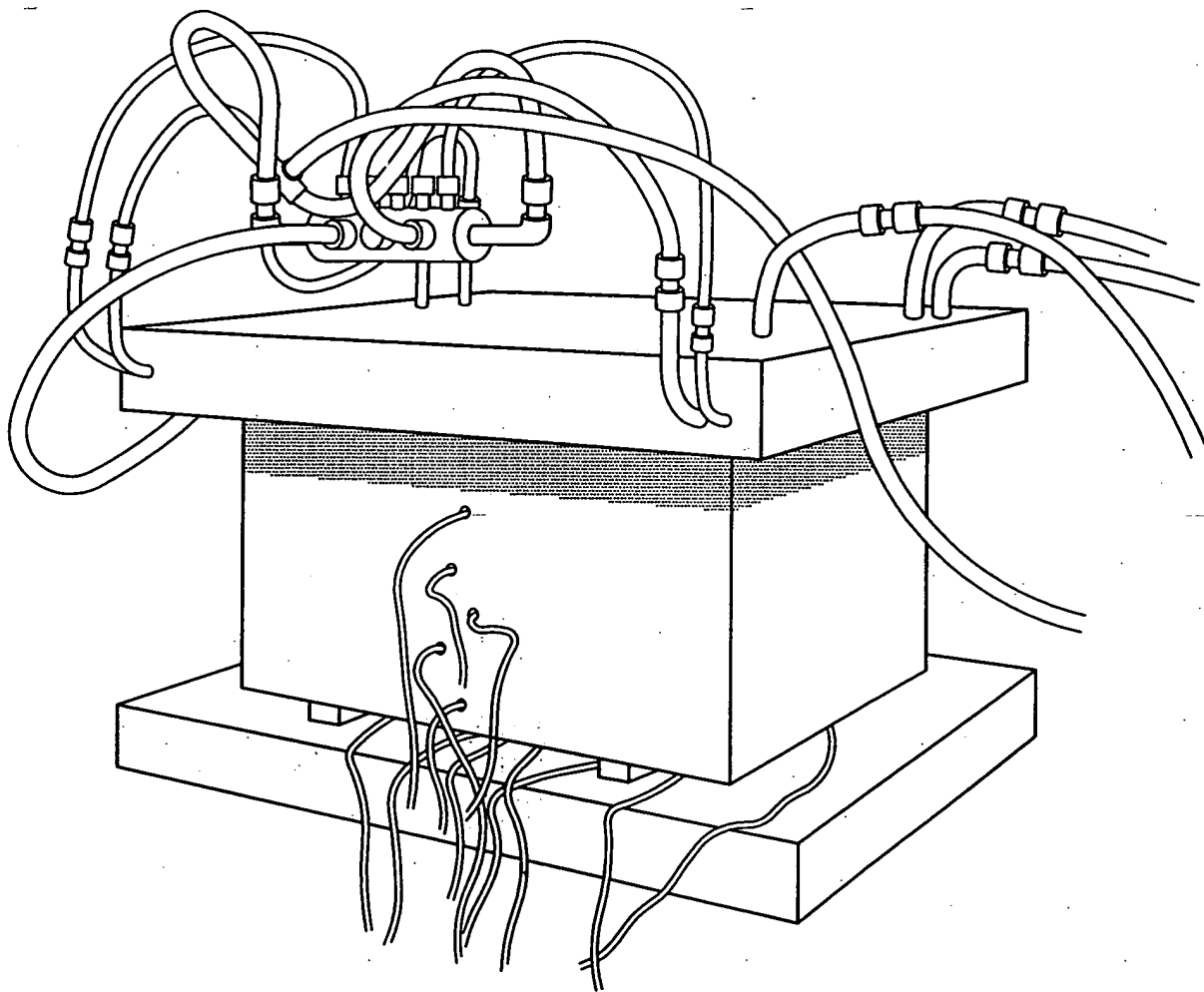


Figure 7

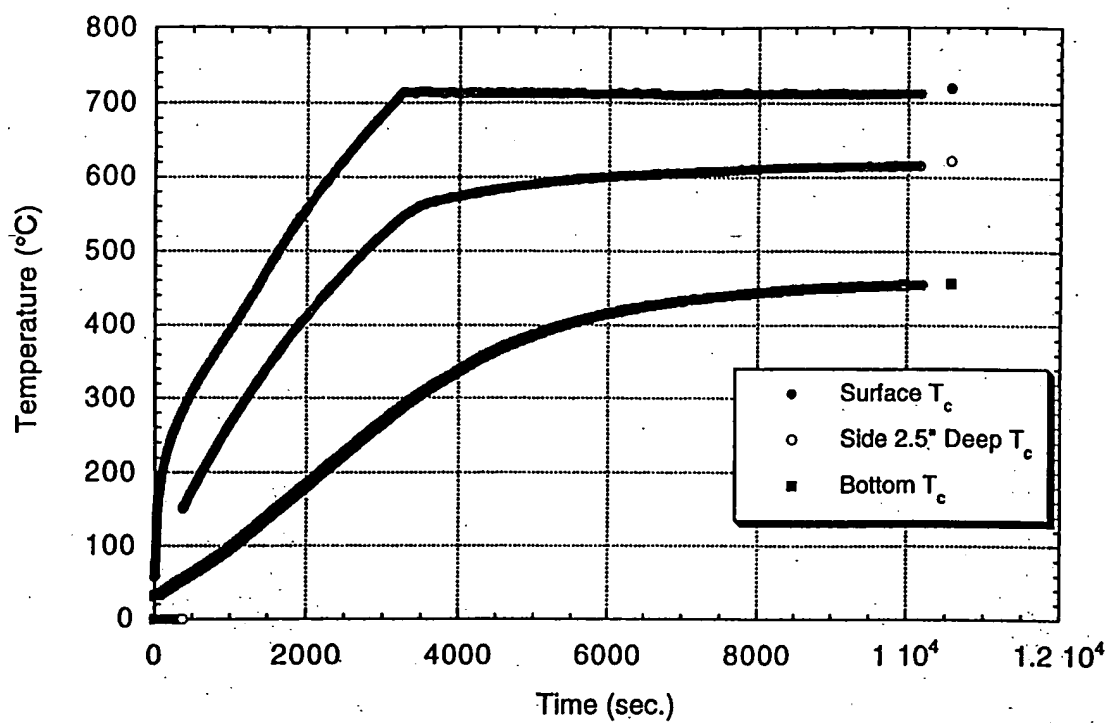


Figure 8

2\" below surface hardness distribution

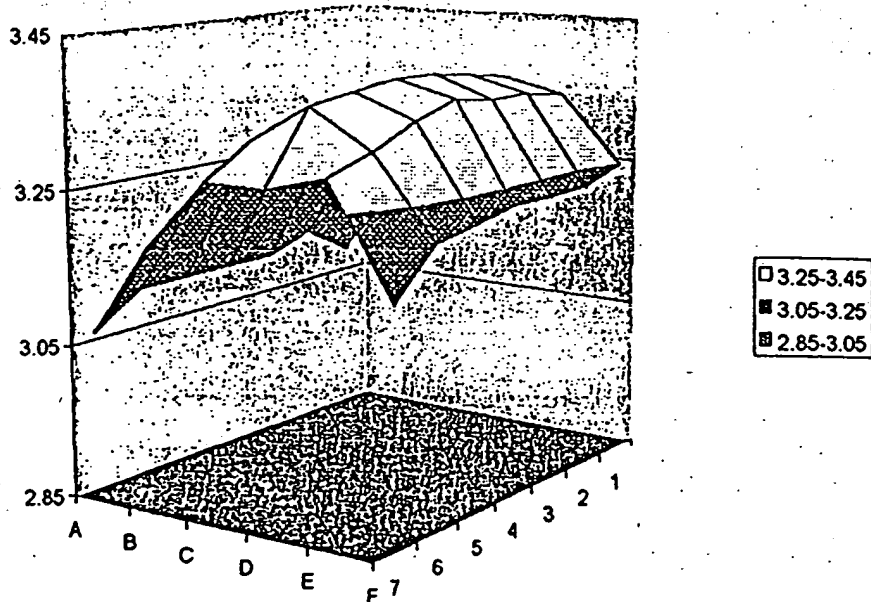


Figure 9